

PTO/SB/08B (10-0D)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCES control number.

Substitute for form 1449B/PTO Complete if Known 09/749,286 INFORMATION DISCLOSURE **Application Number** December 26, 2000 Filing Date STATEMENT BY APPLICANT First Named Inventor Gene R. Anderson Group Art Unit 2872 2878 (use as many sheets as necessary) Examiner Name Unknown PYO Sheet of Attorney Docket Number 1613370-0009

	_	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), nublisher, city and/or country where nublished	
PILIC		BUCKMAN et al., Parallel Optical Interconnects, Proc. Hot Interconnects VI, Stanford, CA, USA, Aug. 13-15, 1998, pp. 137-143	
1		ROSENBERG et al., The PONI-1 Parallel-Optical Link, 49th Electronic Components & Technology Conference, San Diego, CA, June 1-4, 1999, pp. 763-769	
		GIBONEY et al., The PONI Optoelectronic Platform, IEEE Lasers and Electro-Optics Society 1999 Annual Meeting, San Francisco, CA, November 8-9, 1999, pp. 25-26	-
V		BUCKMAN et al., Parallel Optical Interconnects, Conference on Lasers and Electro-Optics, San Francisco, CA, May 11, 2000, pp. 1-3	-
			hasphan .
		The first content of the second of the secon	
		mana esta a como actificación de la constitución de constitución de la	
			1.46
			٠.
		,	

Evaminar	0		
Examiner	· · · · · · · · · · · · · · · · · · ·	Date	
Signature			12/1/2
		20 Considere	10/02

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents,

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Appropriate Approp

PTO/SB/08A (10-96) use through 10/31/99. OMB 0651-0031 :U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO	Complete if Known				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	To be assigned 39/7 49, 286	P70		
(PART I)	Filing Date	December 26, 2000 (even date herewith)			
	First Named Inventor	Gene R. Anderson et al a			
	Group Art Unit	2878	5		
(use as many sheets as necessary)	Examiner Name	To be assigned Pyn 5			
Sheet 1 of 2	Attorney Docket Number	1613370-0009			

_				U.S. PATENT DOCU	MENTS	
Examiner Initials *	Cite No.1	U.S. Patent Docu	ment	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-		Number Kind C			WIN-DD-YYYY	Figures Appear
10.00	<u> </u>	(if know	wn)			
PICK		4,311,359		Keller	01/19/1982	
_	ļ	4,744,626		Mery	05/17/1988	
	<u> </u>	4,767,179		Sampson et al.	08/30/1988	
		4,979,787		Lichtenberger	12/25/1990	
		5,042,709		Cina et al.	08/27/1991	
	<u> </u>	5,050,953		Anderson et al.	09/24/1991	
	<u> </u>	5,117,476		Yingst et al.	05/26/1992	
		5,295,214		Card et al.	03/15/1994	
		5,337,398		Benzoni et al.	08/09/1994	
		5,390,271		Priest	02/14/1995	
		5,416,872		Sizer, II et al.	05/16/1995	
		5,420,954		Swirhun et al.	05/30/1995	
		5,450,508		Decusatis et al.	09/12/1995	
_		5,502,785		Wang et al.	03/26/1996	
		5,515,467		Webb	05/07/1996	
+		5,596,665		Kurashima et al.	01/21/1997	
		5,602,955	1	Haake	02/11/1997	
		5,604,831		Dittman et al.	02/18/1997	
_		5,625,734	•	Thomas et al.	04/29/1997	
\dashv		5,631,988		Swirhun et al.	05/20/1997	
\rightarrow		5,647,042		Ochiai et al.	07/08/1997	
-		5,657,409		Raskin et al.	08/12/1997	
-		5,677,973		Yuhara et al.	10/14/1997	
		5,742,480		Sawada et al.	04/21/1998	
+		5,745,624		Chan et al.	04/28/1998	
-		5,768,456		Knapp et al.	06/16/1998	
		5,774,614		Gilliland et al.	06/30/1998	
+		5,781,682		Cohen et al.	07/14/1998	
+		5,812,717		Gilliland et al.	09/22/1998	
\rightarrow		5,812,582		Gilliland et al.	09/22/1998	
		5,815,623		Gilliland et al.	09/29/1998	
		5,845,026		Lee et al.	12/01/1998	
		5,857,047		Strand et al.	01/05/1999	
+		5,857,050		Jiang et al.	01/05/1999	
+		5,859,947		Kiryuscheva et al.	01/12/1999	
+		5,870,518		Haake et al.	02/09/1999	
1		5,883,748		Shum	03/16/1999	
\rightarrow		5,896,481		Beranek et al.	04/20/1999	
\bot		5,920,670	T	Lee et al.	07/06/1999	
		5,940,562		Henson et al.	08/17/1999	
1,1		5,985,185	.]	Steijer et al.	11/16/1999	
V		5,987,202	· [Gruenwald et al.	11/16/1999	•

Examiner: Lecuprye

Pate: 12/10/02

APP. No: 09/749, 286 FO: 12/26/00

: 44	1.0				FV . I
	niana I an	HO P	U.S. PATENT DOCU	MENTS	
Exam			Name of Patentee or Applicant of Cited Document	Date of Publicati Cited Docum MM-DD-YYYY	Pages, Columns, Lines, Where Relev Passages or Relevant Figures Appear
	ľ	Number Kind Code ² (if known)			
PK	<i>e</i>	5,212,754	Basavanhally et al.	05/18/1993	
一个		5,214,444	Kerr et al.	05/25/1993	
		5,230,030	Hartman et al.	1/ 08/20/1993	
		5,231,685	Hanzawa et al.	07/27/1993	
		5,233,676	Yonemura et al.	08/03/1993	
		5,233,677	Winslow	08/03/1993	
		5,239,606	Shibutani et al.	08/24/1993	
		5,243,678	Schaffer et al.	09/07/1993	
		5,245,683	Belenkiy et al.	09/14/1993	
		5,251,614	Cathignol et al.	10/12/1993	
		5,259,053	Schaffer et al.	11/02/1993	
		5,263,108	Kurokawa et al.	11/16/1993	
		5,280,551	Bowen	01/18/1994	
\sqcup		5,309,537	Chun et al.	05/03/1994	
		5,325,454	Rittle et al.	06/28/1994	
		5,325,455	Henson et al.	06/28/1994	
		5,329,604	Baldwin et al.	07/12/1994	
		5,333,225	Jacobowitz et al.	07/26/1994	
		5,337,396	Chen et al.	08/09/1994	
\vdash		5,341,446	Shibata	08/23/1994	
_		5,345,527	Lebby et al.	09/06/1994	
├		5,345,529	Sizer et al.	09/06/1994	
\vdash		5,347,604	Go et al.	09/13/1994	
$\vdash +$		5,353,364	Kurashima	10/04/1994	
 -		5,359,686	Galloway et al.	10/25/1994	
- -		5,361,318	Go et al.	11/01/1994	to.
$\vdash \vdash$		5,371,820	Welbourn et al.	12/06/1994	
 		5,371,822	Horwitz et al.	12/06/1994	
- -	-	5,386,488 5,394,503	Oikawa	01/31/1995	
		5,418,875	Dietz, Jr., et al. Nakano et al.	02/28/1995	
$\vdash \vdash$		5,428,704		05/23/1995	
 		5,430,820	Lebby et al.	06/27/1995 07/04/1995	
		5,434,939	Matsuda	07/18/1995	
		5,436,997	Makiuchi et al.	07/25/1995	
		5,436,998	Morgan et al.	07/25/1995	***
\vdash		5,440,658	Savage, Jr.	08/08/1995	
		5,450,514	Hotea et al.	09/12/1995	
		5,452,388	Rittle et al.	09/19/1995	
		5,473,716	Lebby et al.	12/05/1995	
		5,475,215	Hsu	12/12/1995	
		5,475,783	Kurashima	12/12/1995	
		5,506,921	Horie	04/09/1996	
		5,511,089	Yamada	04/23/1996	
		5,521,992	Chun et al.	05/28/1996	
		5,522,002	Chun et al.	05/28/1996	· · · · · · · · · · · · · · · · · · ·
		5,524,160	Debeaux et al.	06/04/1996	
		5,546,490	Kikuchi et al.	08/13/1996	
		5,548,676	Savage, Jr.	08/20/1996	
		5,577,145	Musk	11/19/1996	
		5,577,146	Musk	11/19/1996	
		5,596,663	Ishibashi et al.	01/21/1997	
\bot		5,727,097	Lee et al.	03/10/1998	
\perp		5,980,312	Chapman et al.	11/09/1999	
		6,004,044	Paulus et al.	12/21/1999	
		6,014,713	Agnew et al.	01/11/2000	
. 1.	1	6,034,808	Isaksson	03/07/2000	

Examiner : Lempins

Date: 12/10/02

Approví Patent and Trademark (use through 10/31/99. OMB 0651-0031
U.S. DEPARTMENT OF COMMERCE
Includes it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	To he assigned 69/749 286	-			
(PART II)	Filing Date	December 26, 2000 (even date herewith)	2			
	First Named Inventor	Gene R. Anderson	<u> </u>			
	Group Art Unit	2878	<u>ب</u>			
(use as many sheets as necessary)	Examiner Name	To be assigned - Py o				
Sheet 1 of 3	Attorney Docket Number	1631077-0009	_			

				U.S. PATENT DOCU	MENTS	
Examiner Initials *	Cite No. ¹	U.S. Patent Doc	ument	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Code ²		MIN SO TITE	тідагез дрреаг
bu ii		4,276,113	T -	+		·
PILIC		4,276,113	/	Carlesen et al.	06/30/1981	
			_	Haesly et al.	05/04/1982	
	<u> </u>	4,432,604		Schwab	02/21/1984	
		4,470,660	-	Hillegonds et al.	09/11/1984	
		4,547,039 4,597.631	<u> </u>	Caron et al.	10/15/1985	
			ļ	Flores	07/01/1986	,
		4,645,295	-	Pronovost	02/24/1987	
_		4,678,264		Bowen et al.	07/07/1987	
		4,798,440		Hoffer et al.	01/17/1989	
_		4,840,151		Sakata	06/20/1989	
		4,844,573		Gillham et al.	07/04/1989	9
		4,845,052		Abend	07/04/1989	
-+-		4,863,233		Nienaber et al.	09/05/1989	
$ \mid$ $ \mid$		4,973,127		Cannon, Jr., et al.	11/27/1990	
		4,993,803		Suverison et al.	02/19/1991	
-+-	-	5,013,247		Watson	05/07/1991	
-+-1		5,040,868		Waitl et al.	08/20/1991	
		5,042,891		Mulholland et al.	08/27/1991	
		5,054,879		Brown	10/08/1991	
		5,061,033		Richard	10/29/1991	
		5,067,785		Schirbl et al.	11/26/1991	
		5,071,219		Yurtin et al.	12/10/1991	
		5,076,656		Briggs et al.	12/31/1991	
		5,091,991		Briggs et al.	02/25/1992	
		5,101,465		Murphy	03/31/1992	
		5,104,243		Harding	04/14/1992	
		5,109,447		Chan	04/28/1992	
		5,109,453	v	Edwards et al.	04/28/1992	
		5,113,461	•	Ortiz, Jr.	05/12/1992	
		5,127,073	-	Mulholland et al.	06/30/1992	
		5,138,679		Edwards et al.	08/11/1992	
		5,138,680		Briggs et al.	08/11/1992	
-1		5,151,961		Hvezda et al.	09/29/1992	
		5,155,784		Knott	10/13/1992	
		5,155,786		Ecker et al.	10/13/1992	
		5,163,109		Okugawa et al.	11/10/1992	
		5,165,002		Cumberledge et al.	11/17/1992	
		5,168,537		Rajasekharan et al.	12/01/1992	
		5,195,156		Freeman et al.		
11	-	5,199,087		Frazier	03/16/1993	
- 	-+	5,202,943		Carden et al.	03/30/1993	
1		5,204,925		Bonanni et al.	04/13/1993	

Examiner: Lengy

Date: 12/10/02

APP. NO: 09/749,286 FD: 12/26/27

						100
	r——			U.S. PATENT DOCU	MENTS	2.700
Examiner Initials *	Cite No.1		ent	Name of Patentee or Applicant of Cited Document	Date of Public Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ŀ	i	Number Kind Cod	-			rigules Appear
PICIC	 	(if known)			
 		6,004,042		Million et al.	12/21/1999	
4		6,005,991		Knasel	12/21/1999	
		6,012,855		Hahn	01/11/2000	
		6,015,239		Moore	01/18/2000	
		6,023,339		Haugsjaa et al.	02/08/2000	
		6,056,448		Sauter et al.		<u> </u>
		6,061,493	$\neg \neg$	Gilliland et al.	05/02/2000	
		6,071,017			05/09/2000	
7		6,074,103		Gilliland et al.	06/06/2000	
- 1/-				Hargreaves et al.	06/13/2000	
		6,075,911		Goto	06/13/2000	

Examiner	Cite	F	-i D. i . 5	FOREIG	N PATENT DOCL	MENTS		
Initials*	No. No. Name of Patentee or Applicant of Cited Document	roreign Patent		. · or/		Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Te
		Office ³	Number ⁴	Kind Code ⁵ (<i>if known</i>)			rigares repeat	
		<u> </u>	<u> </u>					
				-				

Examiner Signature	Leups	Date Considered	12/10/02	
'EV.				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Patents, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

App. No : 09/749,28:

	·			U.S. PATENT DOCUM	MENTS	FD 3
Examiner Initials *	Cite No.1	U.S. Patent C	pt	Name of Patentee or Applicant of Cited Document	Date of Publication Cited Docume MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number Kind C			1888-00-1111	Figures Appear
PICIC		(if know	vn)			i
FICIL.		6,048,107	/	Pubanz	04/11/2000	
		6,062,739	21	Blake et al.	05/16/2000	
		6,071,015		Erbse et al.	06/06/2000	
		6,076,975		Roth	06/20/2000	
		6,076,976		Kidd	06/20/2000	
		6,079,881		Roth	06/27/2000	
Ψ		6,081,647		Roth et al.	06/27/2000	

Examiner	T 0:4	FOREIG	N PATENT DOCL	JMENTS		
Initials*	Cite No.¹	Foreign Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т ₆
		Office ³ Number ⁴ Kind Code ⁵ (if known)			r igures Appear	
		 				
		 				
		 				

Examiner Signature	Lece	jun	Date Considered	12/10/02
EVALUATED 1		/		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.